

COPT

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT of:

David K. Mesecher

Patent No.:

6,748,008

Issued:

June 8, 2004

Appln. No.:

10/074,398

Filed:

February 12, 2002

For: BASE STATION FOR DISTANCE

DETERMINATION

Our File:

I-2-0111.1US

Date:

September 22, 2006

Certificate

SEP 2 7 2006

SECOND REQUEST FOR CERTIFICATE OF CORRECTION

of Correction

Certificate of Corrections Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

On September 2, 2004, a Request for a Certificate of Correction was filed via facsimile to (703) 872-9306 in connection with the above-identified patent, a copy of which is herewith attached in its entirety. A Communication Re: Status of Request for Certificate of Correction was also filed via facsimile to (703) 308-6672 on June 6, 2005, a portion of which is attached herewith. As of this date, a Certificate of Correction has not been issued.

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 6,748,008. Correction of the following typographical errors is requested.

Patentee: David K. Mesecher Patent No.: 6,748,008

IN THE SPECIFICATION

At column 3, line 36, after the word "unit", delete " 40_n " and insert therefor -- 40_1 --.

At column 4, line 49, after the word "distances", delete " $d_1, d_2 \dots d_1$ " and insert therefor -- $d_1, d_2 \dots d_n$ --.

At column 5, line 31, after the word "pilot", delete " 52_2 " and insert therefor $-.52_1$ --.

At column 5, line 38, after the word "54₁", delete "52₂" and insert therefor --54₂--.

At column 6, line 9, after the word " Δt_1 ", delete "or" and insert therefor --for--.

At column 6, line 13, Equation (8), delete " $\Delta d_1 = \sqrt{(X_{1-X})^2 + (Y_{1-Y})^2} - \sqrt{(X_{2-X})_2 + (Y_{2-Y})^2}$ "

and insert therefor
$$-\Delta d_1 = \sqrt{(X_1 - X)^2 + (Y_1 - Y)^2} - \sqrt{(X_2 - X)^2 + (Y_2 - Y)^2} - ...$$

At column 6, line 37, delete " $\tau_1 + \tau_1$, $\tau_2 + \tau_2$, $\tau_3 + \tau_3$ " and insert therefor $-\tau_1 + \tau_1$, $\tau_1 + \tau_2$, $\tau_1 + \tau_3$ --.

At column 6, line 43, after the word "by", delete " $\tau_{1, the \tau_1}$ " and insert therefor -- τ_1 , the τ_1 --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor -- α --.

Patentee: David K. Mesecher Patent No.: 6,748,008

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor --signal's--.

IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor -- separated--.

Patentee: David K. Mesecher Patent No.: 6,748,008

REMARKS

Patentee believes that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentee has enclosed a completed Certificate of Correction Form PTO/SB/44.

Patentee respectfully requests that the Certificate of Correction be issued.

Respectfully submitted,

David K. Mesecher

Robert D. Leonard Registration No. 57,204

(215) 568-6400

Volpe and Koenig, P.C. United Plaza, Suite 1600 30 South 17th Street Philadelphia, PA 19103

RDL/dcb

P1U/SB/44 (U4-05)

Approved for use through 04/30/2007.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page __1 _ of __2

: 6,748,008 PATENT NO. APPLICATION NO.: 10/074,398 : June 8, 2004 ISSUE DATE

: David K. Mesecher INVENTOR(S)

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION

At column 3, line 36, after the word 'unit", delete " 40_n " and insert therefor

-- 40₁---

At column 4, line 49, after the word "distances", delete " $d_1, d_2 ... d_1$ " and insert therefor $-d_1, d_2...d_n$ --

At column 5, line 31, after the word "pilot", delete " 52_2 " and insert therefor -- 52_1 --.

At column 5, line 38, after the word " 54_1 " delete " 52_2 and insert therefor -- 54_2 --.

At column 6, line 9, after the word " $\Delta \tau_1$ ", delete "or" and insert therefor --for--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C. United Plaza, Suite 1600

Philadelphia, PA 19103
This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Information Officer, complete, including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, P.O. Box 1450, Alexandria, P.O. Box 1450, Alexandria, T.O. This Address SEND TO: Attention Certificate of Corrections Branch. Commissioner for Patents P.O. Box 1450, Alexandria, P.O. Box U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 2

: 6,748,008 PATENT NO.

APPLICATION NO.: 10/074,398 : June 8, 2004 ISSUE DATE

INVENTOR(S) : David K. Mesecher

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 6, line 13, Equation (8), delete " $\Delta d_1 = \sqrt{(X_{1-X})^2 + (Y_{1-Y})^2} - \sqrt{(X_{2-X})_2 + (Y_{2-Y})^2}$

and insert therefor $-\Delta d_1 = \sqrt{(X_1 - X)^2 + (Y_1 - Y)^2} - \sqrt{(X_2 - X)^2 + (Y_2 - Y)^2} - ...$

At column 6, line 37, delete " $\tau_1 + \tau_1$, $\tau_2 + \tau_2$, $\tau_3 + \tau_3$ " and insert therefor -- $\tau_1 + \tau_1$, $\tau_1 + \tau_2$, $\tau_1 + \tau_3$ --.

At column 6, line 43, after the word "by", delete " $\tau_{1,the\tau 1}$ " and insert therefor -- τ_{1} , the τ_{1} --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor -- α --.

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor --signal's--.

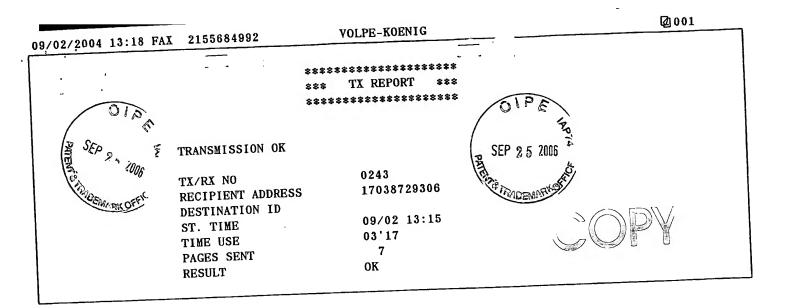
IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor --separated--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C. United Plaza, Suite 1600

Philadelphia, PA 19103
This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any complete, including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, complete this VA 22313-1450.



PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
are required to respond to a collection of information unless it displays a valid OMB control number.

Patent Number. Under the Paperwork Reduction Act of 1995, no persons US 6,748,008 B2 Patent Number June 8, 2004 Issue Date TRANSMITTAL David K. Mesecher First Named Inventor **FORM Application Number** 10/074,398 (to be used for all correspondence after initial filing) February 12, 2002 Filing Date Attorney Docket Number 1-2-0111.1US Total Number of Pages in This Submission (Check all that apply) **ENCLOSURES** After Allowance communication to Technology Center (TC) Drawing(s) X Appeal Communication to Board Fee Transmittal Form of Appeals and Interferences Licensing-related Papers Appeal Communication to TC Fee Attached (Appeal Notice, Brief, Reply Brief) Petition Amendment/Reply Proprietary Information Petition to Convert to a Provisional Application After Final Power of Attorney, Revocation Status Letter Change of Correspondence Address Other Enclosure(s) (please Affidavits/declaration(s) Identify below): Terminal Disclaimer Request for Cert of Corr and Extension of Time Request Request for Refund Form PTO/SB/44. **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement OFFICIAL FACSIMILE Remarks Certified Copy of Priority Document(s) 7 PAGES SENT VIA FACSIMILE TO 703-872-9306. PLEASE IMMEDIATELY DELIVER TO EXAMINER PHUONG Response to Missing Parts/ Incomplete Application --- 2 9 20°° M. PHU, GROUP ART UNIT 2631. Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Reg. No. 51,627 Dimitri P. Dovas Firm Volpe and Koenig, P.C. Individual name Signat re 500/ Date SCANI

I hereb certify that this correspondence is being sent Via Facsimile (703-872-9306) addressed to: Examiner Phuong M. Phu, Group Art Unit 2631, (1) this date:

PTO/SB/21 (04-04) Approved for use through 07/31/2006. OMB 0651-0031 rademark Office: U.S. DEPARTMENT OF COMMERCE

Total Number of Pages in This Submission Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/	ENC		February I-2-0 hat apply	After Allov to Technology of Appeal Conference of Appeal Conference of Appeal Conference of Appeal Conference of Appeal Not a Con	ommunis and Irommunis and Irommuniotice, Bring Information (Irommuniotice) and Irommuniotice, Bring Irommuniotice,	ication to Board interferences ication to TC rief, Reply Brief) mation e(s) (please t of Corr and 4. MILE 306.	
Incomplete Application Response to Missing Par under 37 CFR 1.52 or 1.52	ts M. I	AGES SENT VIA FAI EASE IMMEDIATELY PHU, GROUP ART U	JNIT 2	631.			
			Reg.	No. 51,627			
Firm Dimitri P. Dovas	a P.C						
or Individual name Volpe and Koeni	9, 1.0.						
Signature	7	2004					
Date Boph - a			201011	MAIL ING			
	CERT	TIFICATE OF TRANSMIS	SSIUN/I	AIMITHO	Dhuona	M Phu Group A	Art Unit
I hereby certify that this correspondence 2631, on this date:	e is being	sent Via Facsimile (703-872-93	306) addre	essed to: Examiner	Pnuong	Wi. File, Gloup	
}							
Typed or printed name Dimitri P	. Dovas						

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.







IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT of:

David K. Mesecher

Patent No.:

US 6,748,008 B2

Issued:

June 8, 2004

Appln. No.:

10/074,398

Filed:

February 12, 2002

For: BASE STATION FOR DISTANCE

DETERMINATION

Our File:

I-2-0111.1US

Date:

September 2, 2004

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 6,748,008 B2. Correction of the following typographical errors is requested.

IN THE SPECIFICATION

At column 3, line 36, after the word "unit", delete " 40_n " and insert therefor -- 40_1 --.

At column 4, line 49, after the word "distances", delete " $d_1, d_2 \dots d_1$ " and insert therefor -- $d_1, d_2 \dots d_n$ --.

At column 5, line 31, after the word "pilot", delete "52," and insert therefor -- 52,--.



Patentee: David K. Mesecher Patent No.: US 6,748,008 B2

At column 5, line 38, after the word " 54_1 ", delete " 52_2 " and insert therefor -- 54_2 --.

At column 6, line 9, after the word " Δt_1 ", delete "or" and insert therefor --for--.

At column 6, line 13, Equation (8), delete " $\Delta d_1 = \sqrt{(X_{1-X})^2 + (Y_{1-Y})^2} - \sqrt{(X_{2-X})_2 + (Y_{2-Y})^2}$ " and

insert therefor $-\Delta d_1 = \sqrt{(X_1 - X)^2 + (Y_1 - Y)^2} - \sqrt{(X_2 - X)^2 + (Y_2 - Y)^2} - ...$

At column 6, line 37, delete " $\tau_1 + \tau_1$, $\tau_2 + \tau_2$, $\tau_3 + \tau_3$ " and insert therefor

$$-\tau_{1}+\tau_{1},\,\tau_{1}+\tau_{2},\,\tau_{1}+\tau_{3}--.$$

At column 6, line 43, after the word "by", delete " $\tau_{1, the \tau 1}$ " and insert therefor

--
$$\tau_1$$
, the τ_1 --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor -- α --.

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor

--signal's--.

IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor --separated--.





REMARKS

Patentee believes that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentee has enclosed a completed Certificate of Correction Form PTO/SB/44.

Patentee respectfully requests that the Certificate of Correction be issued.

Respectfully submitted,

David K. Mesecher

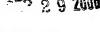
Dimitri P. Dovas

Registration No. 51,627

 $(2\bar{15})\,\bar{568}$ -6400

Volpe and Koenig, P.C. United Plaza, Suite 1600 30 South 17th Street Philadelphia, PA 19103

DPD/WCP



PTO/SB/44 (04-04) Approved for use through 04/30/2007. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION Page 1 of 2

: US 6,748,008 B2 PATENT NO.

DATED

: June 8, 2004

INVENTOR(S) : David K. Mesecher

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION

At column 3, line 36, after the word "unit", delete " 40_n " and insert therefor -- 40_1 --.

At column 4, line 49, after the word "distances", delete " $d_1, d_2 \dots d_1$ " and insert therefor

$$-d_1, d_2 \dots d_n - ...$$

At column 5, line 31, after the word "pilot", delete " 52_2 " and insert therefor -- 52_1 --.

At column 5, line 38, after the word " 54_1 ", delete " 52_2 " and insert therefor -- 54_2 --.

At column 6, line 9, after the word " Δt_1 ", delete "or" and insert therefor --for--.

At column 6, line 13, Equation (8), delete " $\Delta d_1 = \sqrt{(X_{1-X})^2 + (Y_{1-Y})^2} - \sqrt{(X_{2-X})_2 + (Y_{2-Y})^2}$ " and

insert therefor $-\Delta d_1 = \sqrt{(X_1 - X)^2 + (Y_1 - Y)^2} - \sqrt{(X_2 - X)^2 + (Y_2 - Y)^2} - ...$

~~ 3 9 200g

MAILING ADDRESS OF SENDER:

PATENT NO.

US 6,748,008 B2

No. of additional copies

Volpe and Koenig, P.C. United Plaza, Suite 1600 30 South 17th Street

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file this collection of information is required by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any complete, including gathering, preparing, and submitting the completed application form to the USPTO. The will vary depending upon the individual case. Any complete, including gathering, preparing, and submitting the completed this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO Roy 1450, Alexandria FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/44 (04-04)

Approved for use through 04/30/2007. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION Page 2 of 2

PATENT NO. : US 6,748,008 B2

DATED : June 8, 2004

INVENTOR(S): David K. Mesecher

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 6, line 37, delete " $\tau_1 + \tau_1$, $\tau_2 + \tau_2$, $\tau_3 + \tau_3$ " and insert therefor

 $-\tau_1 + \tau_1, \tau_1 + \tau_2, \tau_1 + \tau_3 -$

At column 6, line 43, after the word "by", delete " $\tau_{1,dhe\,\tau 1}$ " and insert therefor

 $-\tau_1$, the τ_1 --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor -- α --.

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor

--signal's--.

IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor --separated--.

MAILING ADDRESS OF SENDER:

Volpe and Koenig, P.C. United Plaza, Suite 1600 PATENT NO.

US 6,748,008 B2

No. of additional copies

.... or additional copie

 \implies SEP 2 9 2N

30 South 17th Street
Philadelphia, PA 19103
This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file
This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) and 37 CFR 1.14. This collection is estimated to take 1.0 hour to
(and by the USPTO to process) and 37 U.S.C. 122 and 37 U.S.C. 1



06/06/2005 11:41 FAX 2155684992	VOLPE-KOENIG	@ 001
	****************** *** TX REPORT *** ********************************	
TRANSMISSION OK		
TX/RX NO RECIPIENT ADDRES	1522 S 17038729306	
DESTINATION ID ST. TIME TIME USE PAGES SENT RESULT	06/06 11:37 03'59 10 OK	COPY

Under the Paperwork Reduction Act of TRANSMITTA FORM (to be used for all correspondence after Total Number of Pages in This Submission	r initial filing) ion	Is are required to respond to a colling Patent Number Issue Date First Named Inventor Application Number Filing Date Attorney Docket Number	atent and Tradema ection of Information 6,748,008 June 8, 200 David K. Me 10/074,398 February 12 I-2-0111.1L	2, 2002 US
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaratio Extension of Time Request Express Abandonment Recurrent Information Disclosure State Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Incomplete Application	uest Ement	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revoce Change of Correspondence Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table of	OFFICIA	After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Copy of Request for Certificate of Correction; Copy of Certificate of Correction Form PTO/SB/44; and Copy of Transmittal Form PTO/SB/21. AL FACSIMILE 703-872-9306. MRS. JOYCE. SEP 2 9 200
under 37 CFR 1.5	SIGNATU D KOENIG	RE OF APPLICANT, A		

Approved for use through 07/31/2006.

		U.S. P	Approved to use the second of
Under the Paperw	ork Reduction Act of 1995, no pe	Patent Number	Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE. lection of information unless it displays a valid OMB control number. 6,748,008
		Issue Date	June 8, 2004
	NSMITTAL	First Named Inventor	David K. Mesecher
	FORM	Application Number	10/074,398
		Filing Date	February 12, 2002
(to be used for all o	correspondence after initial filing)	Attorney Docket Number	I-2-0111.1US
Total Number of Pa	ages in This Submission	Attorney	1-2-0111
		NCLOSURES (Check al	// that apply) After Allowance Communication to TC
Amendmen Afte Afte Extension Express Al Information Certified C Document Reply to M Incomplet	Attached at/Reply er Final davits/declaration(s) of Time Request bandonment Request n Disclosure Statement Copy of Priority t(s) Missing Parts/	THE OFFIT WAS EAC	Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Copy of Request for Certificate of Correction; Copy of Certificate of Correction Form PTO/SB/44; and Copy of Transmittal Form PTO/SB/21.
	SIGNAT	URE OF APPLICANT, AT	TORNEY, OR AGENT
Firm Name	VOLPE AND KOENK		
Signature	Cultura Miller	h'	
Printed name	Jeffrey M. Glabicki		
			Reg. No. 42,584
Date	June 6, 2005		
	С	ERTIFICATE OF TRANSM	NISSION/MAILING
I hereby certify shown below:	that this correspondence	is being sent Via Facsimile (7	703-308-6672) addressed to: Mrs. Joyce, on the date Date June 6, 2005
Typed or print	ed name Jefffe M. Gl	abicki	to flo (and by the USPT
gathering, prepa	aring, and submitting the complete this for	R 1.5. The information is required to c ed by 35 U.S.C. 122 and 37 CFR 1. ted application form to the USPTO. I n and/or suggestions for reducing this ce, P.O. Box 1450, Alexandria, VA atents, P.O. Box 1450, Alexandria	obtain or retain a benefit by the public which is to file (and by the USPT 11 and 1.14. This collection is estimated to 2 hours to complete, including will vary depending upon the individual case. Any comments or shurden, should be sent to the Chief Information Officer, U.S. Patent 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO ria, VA 22313-1450.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT of:

David K. Mesecher

Patent No.:

6,748,008

Issued:

June 8, 2004

Appln. No.

10/074,398

Filed:

February 12, 2002

For: BASE STATION FOR DISTANCE

DETERMINATION

Our File:

I-2-0111.1US

Date: June 6, 2005

COMMUNICATION RE: STATUS OF REQUEST FOR CERTIFICATE OF CORRECTION

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant respectfully requests issuance of a Certificate of Correction in connection with the above-identified issued patent. Over six months have passed since a Request for Certificate of Correction was filed with the United States Patent and Trademark Office.



Patentee: David K. Mesecher. Patent No.: 6,748,008

Enclosed please find copies of the following:

- 1. Request For Certificate of Correction filed September 2, 2004;
- 2. Completed Certificate of Correction Form PTO/SB/44; and
- 3. Transmittal Form PTO/SB/21 dated September 2, 2004.

Applicant respectfully requests that a Certificate of Correction be issued.

Respectfully submitted,

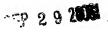
David K. Mesecher

Jeffrey M. Glabicki Registration No. 42,584

(215) 568-6400

Volpe and Koenig, P.C. United Plaza, Suite 1600 30 South 17th Street Philadelphia, PA 19103

JMB/AJE/ml Enclosures





PTO/SB/44 (04-04)

Approved for use through 04/30/2007. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE (Also Form PTO-1050)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent And Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent D. DEPARTMENT OF COMMERCE

U.S. DEPARTMENT OF COMMERCE

U.S. DEPARTMENT OF COMMERCE

U.S.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION Page 1 of 2

PATENT NO. : US 6,748,008 B2 : June 8, 2004

DATED INVENTOR(S) : David K. Mesecher

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 3, line 36, after the word "unit", delete " 40_{π} " and insert therefor -- 40_{1} --. IN THE SPECIFICATION

At column 4, line 49, after the word "distances", delete " $d_1, d_2 \dots d_1$ " and insert therefor

At column 5, line 31, after the word "pilot", delete " 52_2 " and insert therefor -- 52_1 --. $-d_1,d_2...d_n$ ---

At column 5, line 38, after the word " 54_1 ", delete " 52_2 " and insert therefor -- 54_2 --.

At column 6, line 9, after the word " Δt_1 ", delete "or" and insert therefor --for--.

At column 6, line 13, Equation (8), delete " $\Delta d_1 = \sqrt{(X_{1-X})^2 + (Y_{1-Y})^2} - \sqrt{(X_{2-X})_2 + (Y_{2-Y})^2}$ " and

insert therefor $-\Delta d_1 = \sqrt{(X_1 - X)^2 + (Y_1 - Y)^2} - \sqrt{(X_2 - X)^2 + (Y_2 - Y)^2} - ...$

MAILING ADDRESS OF SENDER:

PATENT NO.

US 6,748,008 B2

No. of additional copies

Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file this collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file this collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file this collection of information is required to obtain or retain a benefit by the public which is to file this collection of information is required to obtain or retain a benefit by the public which is to file this collection of information is required to obtain or retain a benefit by the public which is to file this collection of information is required to obtain or retain a benefit by the public which is to file this collection of information is required to obtain or retain a benefit by the public which is to file this collection of information is required to obtain or retain a benefit by the public which is to file the user of the user complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, owners on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO. Attention Cartificate of Corrections Branch Commissionar for Patents. U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. VA 22313-1450.



PTO/SB/44 (04-04) Approved for use through 04/30/2007. OMB 0651-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number (Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION Page 2 of 2

PATENT NO. : US 6,748,008 B2

: June 8, 2004 DATED

INVENTOR(S) : David K. Mesecher

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 6, line 37, delete " $\tau_1 + \tau_1$, $\tau_2 + \tau_2$, $\tau_3 + \tau_3$ " and insert therefor

$$- \tau_1 + \tau_1, \, \tau_1 + \tau_2, \, \tau_1 + \tau_3 - -.$$

At column 6, line 43, after the word "by", delete " $\tau_{1,the\tau_1}$ " and insert therefor

--
$$\tau_1$$
, the τ_1 --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor -- α --.

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor

--signal's--.

IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor --separated--.

CEP 2 9 2006

MAILING ADDRESS OF SENDER:

PATENT NO.

US 6,748,008 B2

No. of additional copies

Volpe and Koenig, P.C. United Plaza, Suite 1600

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to (complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED COMMERCE TO THIS ADDRESS SEND TO: Attention Confidence of Commercial Research Commissions for Patents P.O. Box 1450 Alexandria FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/21 (09-04) P10/SB/21 (09-04)
Approved for use through 07/31/2006.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number. erwork Reduction Act of 1995, no persons are required to respond to a co 6,748,008 Patent Number TRADEM June 8, 2004 Issue Date TRANSMITTAL David K. Mesecher First Named Inventor **FORM** 10/074,398 **Application Number** February 12, 2002 Filing Date (to be used for all correspondence after initial filing) Attorney Docket Number I-2-0111.1US Total Number of Pages in This Submission (Check all that apply) **ENCLOSURES** After Allowance Communication to TC Drawing(s) Appeal Communication to Board X Fee Transmittal Form of Appeals and Interferences Licensing-related Papers Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Fee Attached Petition Proprietary Information Amendment/Reply Petition to Convert to a Provisional Application Power of Attorney, Revocation After Final Status Letter Change of Correspondence Address Other Enclosure(s) (please Identify Affidavits/declaration(s) below): Terminal Disclaimer Second Request for Certificate of Correction; Extension of Time Request Form PTO/SB/44; Copy of Request for Request for Refund Certificate of Correction filed 9/2/2004 and Express Abandonment Request Copy of Communication Re: Status of Request for Certificate of Correction filed 6/6/2005. CD. Number of CD(s) Information Disclosure Statement Landscape Table on CD Remarks Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT VOLPE, AND KOENIG, P.C. Firm Name Signature Printed name Robert D. Leonard Reg. No. 57,204 September 22, 2006 Date

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: ----

Signature

Date September 22, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including any to the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the uspect of the uspect o



OIF	Ela
SEP \$5	2006
ATT.	Æ)

EP \$ 5 2006				Ar Ar	proved for	use through	07/31/2006. PARTMENT OF s a valid OMB co	COMMERCE
Under the Raperwork Reduction	- Act of 1995 nr	nersons are required to r	U.S. Fespond to a col	ection of infor	nation unle	ss it display	s a valid OMB co	ontrol number
							wn	
Fees pursuant to the Consolida	ited Appropriation	ns Act, 2005 (H.R. 4818).	Application	Number	10/074,3			
FEE TR	ANSI	MITTAL	Filing Date			y 12, 200		
FO.	FY 20	06	First Nam	ed Inventor		. Mesech	ier	
			Examiner	Name	Phuong	M. Phu		
Applicant claims small	entity status.	See 37 CFR 1.27	Art Unit		2631)
TOTAL AMOUNT OF PAY		100.00	Attorney	Docket No.	1-2-011	1.1US		
METHOD OF PAYMEN		hat apply)						
				ther (please i	dentify):			
Check Credit		Ioney Order N	one L	micr (picase	Name: Inte	erDigital C	ommunications	Corporation
X Deposit Account	Deposit Account	Number: <u>09-0435</u>	De	posit Account	ck all that	apply)		
For the above-iden	tified deposit a	number: 09-0435 ccount, the Director is	nereby autio	1200 10. (0	·	ad below	except for the	filing fee
Charge fee(s	s) indicated be	low	<u></u>	Charge tee	(s) indicate	ed below,	CXCOP: 101 am	
		A stranger and a stranger of	if fee(s)	Credit any	overpaym	ents	Danido gradit	card
Charge any under 37 CF warning: Information on the	R 1.16 and 1.	17 ∞come public. Credit card	d information s	hould not be	included o	n this form	. Provide Credit	Card
information and authorization	n on PTO-2038		- filing or n	av he sub	iect to a	surchar	ge.)	
information and authorization	All the fees	below are due upo	n filing of i	lay be sub	,			
1. BASIC FILING, SEA	ARCH, AND	EXAMINATION FEE	E S EARCH FEE		CAMINAT	TON FEE	S	i i
		Small Entity	Small	<u>Entity</u>	<u>Sr</u> ∈ee (\$)	mall Entit	Y <u>Fees</u>	Paid (\$)
Application Type	Fee (\$)	Fee (\$)	e (\$) Fee	<u>(क)</u> .	200	100		
Utility	300	150	00 25	,	130	65		
Design	200	100	.00 50			80		
Plant	200	100	300 15		160	300		
Reissue	300	150	500 25	0	600			
Provisional	200	100	0	0	0	0	Small Er	ntity
2. EXCESS CLAIM I	FEES					Fee (§) <u>Fee (</u> §	5)
E Description		Daisanas)				50		
Each claim over 2	0 (including	(including Reissues	s)			200 360	400	
Each independent Multiple depende	nt claims	(moran-8		••			ole Dependent	
Total Claims	Extra Cla	aims Fee (\$)	Fee Paid (<u>2)</u>		Fee		Paid (\$)
	=	X	=0					
HP = highest number of	f total claims paid Extra Cl	aims Fee (\$)	Fee Paid	<u>\$)</u>				
Indep. Claims	-	~	=0					
		ims paid for, if greater tha				u. filed	sequence of C	computer
3. APPLICATION S	and drawing	gs exceed 100 sheets	of paper (e	cluding ele	ectronica	nall entit	v) for each ac	Iditional 50
listings under 3	37 CFR 1.520	e)), the approximation	(1) (0) 4 2	7 CED 1 16	(6)			
sheets or fracti	on thereof. S	366 33 0.0.0. 11(-)	`_'e`' a la a all d	itional 50 or	traction	<u> </u>	Fee (\$)	Fee Paid (\$)
Total Sheets	00 =	/ 50 =	(rou	nd up to a w	hole numb	per) x		Fees Paid (\$)
			**	*\				Lees Lain 141
Non-English Sr	ecification,	\$130 fee (no small	entity disco	unt)				100.00
Other (e.g., late	filing surcha	arge): Request for Cert	incate of Cor	ecuoli				
	0.7.					— т	r I abore	
SUBMITTED BY	All A		Regi	stration No. ney/Agent)	57,204		Telephone 215-	
Signature	MINIST	/	(Attor	ie yr ngenti			Date September	er 22, 2006

SUBMITTED BY	Registration No. 57,204	Telephone 215-568-6400
Signature Military Military	(Attomey/Agent) 37,204	Date September 22, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, uspection of the USPTO. Time will vary depending upon the individual case. Any comments including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the USPTO. DO NOT SEND FEES OR COMPLETED FORMS TO This officer on the USPTO. DO NOT SEND FEES OR COMPLETED FORMS TO This offic